In the Claims

Please cancel claims 19 and 29 and amend claims 18, 20, 21

and 30 through 32 as follows:

18 (amended). ~~A data node at each of at least first and second~~
A cache mgmt system in
~~sites in a data network~~ In a data network with a plurality

of interconnected data nodes for transferring data

therebetween, wherein each of at least two of the data
, is coupled to a corresp
nodes ~~includes~~ including a cache management system, ~~the~~
and each of said cache management ~~system~~ systems at ~~said~~ a

data node ~~comprising~~ comprises:

A)   a cache memory device coupled to the data

network, for storing at least two different

cache memory management methods, ~~for~~ each

cache memory management method controlling
a corresp one of
~~communications~~ the method by which said

data node communicates with other data

nodes in the data network, and
a corresponding
B)   a cache memory manager connected to said cache
including a method selection means for
memory device, for ~~controlling transfers~~

selecting one of the cache memory management
means the cache memory device
methods to control network communications at
one of said
said data node with other data nodes ~~in response~~

~~to one of the at least two different cache~~

9

~~memory management methods in said cache memory~~

~~device~~ and wherein the cache memory management

methods used at said (data node) and another data

node on the data network are different.   ~~24~~

19 (canceled).

20 (amended). A data node as recited in claim ~~19~~ 18 wherein

said cache memory manager ~~at said data node~~ includes ~~monitoring~~

~~means~~ a monitor for monitoring operations ~~at a respective~~ said

data node and (said method selection means responds to said

~~monitoring means~~ monitor.

21 (amended). A data node as recited in claim ~~19~~ 18 wherein

said cache memory manager ~~at said data node~~ includes ~~monitoring~~

~~means~~ a monitor at said data node for receiving commands from

other data nodes (and said method selection means) responds to

the received commands.

22 (previously presented). A data node as recited in claim 21

wherein one of said cache memory management methods is a least

recently used cache management method.

23 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a data usage cache management method.

24 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a store-through cache management method.

C९

25 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a pre-fetch cache management method.

26 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is an indexing cache management method.

27 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a B-tree cache management method.

28 (previously presented). A data node as recited in claim 21 wherein one of said cache memory management methods is a charging cache management method.

11

29 (Canceled).

30 (amended). A data node as recited in claim 18 wherein said

cache memory device includes method storage means for storing

least recently used, data usage, store-through, pre-fetch,

indexing, Btree and charge cache memory management methods as

the at least two cache memory management methods.

31 (amended). A data node as recited in claim 30 wherein said

cache memory manager ~~at said data node~~ includes ~~monitoring~~

~~means at said data node~~ a monitor for monitoring operations at

said data node and said method selection means ~~at said data~~

~~node~~ responds to said ~~monitoring means~~ monitor.

32 (amended). A data node as recited in claim 30 wherein said

cache memory management ~~at said data node~~ includes ~~monitoring~~

~~means at said data node~~ a monitor for receiving commands from

other data nodes and said method selection means ~~at said data~~

~~node for responding~~ responds to the received commands by

selecting one of the cache memory management methods in said

cache memory device.